

Scheduled Monitoring for Ambient Toxicity in Delaware Estuary

DRBC TAC Meeting May 7, 2012

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DRBC**

- Programs: DRBC Criteria and Aquatic Life
- Goals: collect ambient water data for use in
 - integrated assessments
 - protection of human health and aquatic life
- Participants: DRBC, American Aquatic Testing Laboratory





Ambient
Chronic
Toxicity
Survey



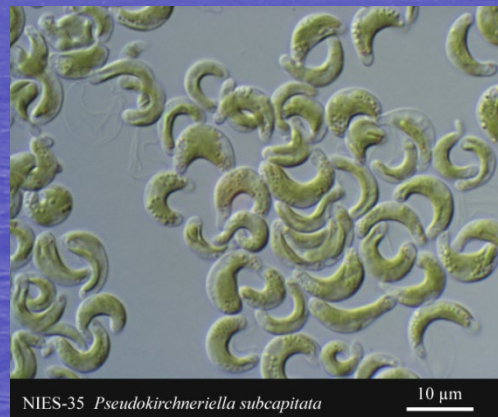
Freshwater Test Species



Pimephales promelas
fathead minnow



Ceriodaphnia dubia
water flea



Pseudokirchneriella subcapitata
green algae

Salinity Tolerant Test Species



Menidia beryllina

inland silverside (5 to 32 ppt)



Americamysis bahia

mysid shrimp (10 to 30 ppt)



Hyalella azteca

amphipod (0 to 15 ppt)

Next Steps

- Mainstem – periodic assessment for IA
- Tribs - repeat screening of identified tribs or screening of additional tribs